

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
29 December 2004 (29.12.2004)

PCT

(10) International Publication Number  
**WO 2004/112532 A1**

(51) International Patent Classification?: A45D 8/12, 8/36

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:  
PCT/ZA2004/000068

(22) International Filing Date: 21 June 2004 (21.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
03/4784 20 June 2003 (20.06.2003) ZA  
04/2081 16 March 2004 (16.03.2004) ZA

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicants and

(72) Inventors: GLADWIN, Thea [ZA/ZA]; 119 Hans Strydon Drive, Robin Hills, 2194 Randburg (ZA).  
GLADWIN, Richard, George [ZA/ZA]; 119 Hans Strydon Drive, Robin Hills, 2194 Randburg (ZA).

(74) Agent: FISHER, Les T; Les Fisher & Co, P.O. Box 391864, 2018 Bramley (ZA).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

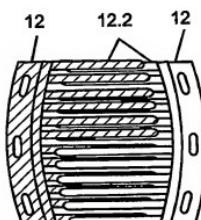
Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: HAIR CLIP WITH INTERLOCKING COMBS

WO 2004/112532 A1



(57) Abstract: The hair clip comprises two combs (12) and at least one elastic member (14) to bias the teeth (12.2) of the combs towards each other in overlapping relationship. The teeth of the combs are similar and are at least slightly wider than the spaces (18) between the teeth. In use, the combs may be twisted relatively to each other while inserting them into engagement, such that some of the teeth of one comb overlay and others underlay the teeth of the other comb so as to clamp hair between the two combs. Preferably the teeth are oval or elliptical in cross-section, such that they interfit partially with the teeth with which they are engaged.